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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/779,431

Filing Date February 13, 2004

First Named Inventor Dick et al.

Art Unit 2137

Examiner Name Moise, Emmanuel Lionel

Attorney Docket Number I-2-0332.2US

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO-1449, Copy of Korean Office Action and its English Translation, and One Reference Cited.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature	<i>Jeffrey M. Glabicki</i>		
Printed name	Jeffrey M. Glabicki		
Date	8/8/06	Reg. No.	42,584

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Jeffrey M. Glabicki</i>		
Typed or printed name	Jeffrey M. Glabicki	Date	8/8/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Dick et al.

**Application No.:** 10/779,431

**Confirmation No.:** 8759

**Filed:** February 13, 2004

**For:** GENERATION OF USER EQUIPMENT  
IDENTIFICATION SPECIFIC SCRAMBLING  
CODE FOR HIGH SPEED SHARED  
CONTROL CHANNEL

**Group:** 2137

**Examiner:** Moise, Emmanuel Lionel

**Our File:** I-2-0332.2US

**Date:** August 8, 2006

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

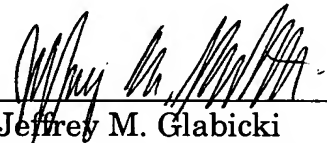
Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (\*). Copies of the cited documents are enclosed.

The source of the newly identified items of information is the enclosed communication from a foreign patent office in a counterpart application, dated March 31, 2006.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Dick et al.

By   
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Enclosures ( 4 )



FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0332.2US	SERIAL NO. 10/779,431
	APPLICANT Dick et al.	
	FILING DATE February 13, 2004	GROUP 2137

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,569,956	03/1971	T.O. Acting Administrator of the National Aeronau			
		5,671,218	09/1997	I et al.			
		5,799,154	08/1998	Kuriyan			
		6,014,567	01/2000	Budka			
		US 2002/0018565	02/2002	Luttrell et al.			
		US 2002/0044542	04/2002	Kim et al.			
		6,385,183	05/2002	Takeo			
		US 2002/0075964	06/2002	Okumura, Yukihiro			
		US 2002/0075838	06/2002	Choi et al.			
		US 2002/0114268	08/2002	Kim et al.			
		6,493,331	12/2002	Walton et al.			
		US 2003/0048800	03/2003	Kilfoyle et al.			
		US 2003/0074476	04/2003	Kim et al.			
		6,567,461	05/2003	Moon et al.			
		6,731,618	05/2004	Chung et al.			
		US 2005/0063347	03/2005	Sarkkinen et al.			
		6,871,313	03/2005	Gopalakrishnan, Nandu			
		6,917,603	07/2005	Strawczynski et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*	2003 0080306	10/2003	KR				X
		GB 2 259 226	03/1993	UK				

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Use several sheets if necessary)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		InterDigital Comm. Corp., "16 bit UE ID Based UE Specific Masking for HS-SCCH," Discussion and Decision, 3GPP TSG RAN WG1#26, Kyung-Ju, Korea, May 13-17, 2002.	
		Siemens, "Simplified UE-ID Masking of HS-SCCH, Part 1," Discussion and Decision, Tdoc R1-02-0914, TSG-RAN Working Group 1 #27, Oulu, Finland, July 2-5, 2002.	
		InterDigital Comm. Corp., "16 bit UE ID based UE Specific Masking for HS-SCCH: Updated for consistency with new Rate matching for HS-SCCH," Discussion and Decision, 3GPP TSG RAN WG1#27, Oulu, Finland, July 2-5, 2002.	
		"3rd Generation Partnership Project: Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 5)," 3GPP TS 25.212 v5. 1.0-DRAFT, June 2002.	
		Lucent Technologies, "Way forward on HS-SCCH coding," 3GPP TSG-RAN WG1#25, Paris, France, April 2002, R1-02-0553, pp 1-6.	
		Lucent Technologies, "Pre-coding of UE ID before Modulo 2 addition with CRC," 3GPP TSG-RAN WG1#125, April 2002, R1-02-055.	
		Nokia, "Channel coding and error detection for HS-SCCH," TSG-RAN WG1 #23, 3GPP, January 2002, R1-02-0016.	
		InterDigital Comm. Corp., "16 bit UE ID Based UE Specific Masking for HS-SCCH," 3GPP TSG RAN WG1#26, R1-02-0715, Kyung-Ju, Korea, May 13-17, 2002.	
		3GPP TR 25.858, "Technical Specification Group Radio Access Network; High Speed Downlink Packet Access; Physical Layer Aspects," 3rd Generation Partnership Project; V5.0.0, 3GPP, (Release 5) March 2002, pp 1- 31.	
		Motorola, TSG RAN WG1 Meeting #24, "Performance of the HS-SCCH", <a href="http://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_Docs/Zips/R1-02-0610.zip">http://www.3gpp.org/ftp/TSG_RAN/WG1_RL1/TSGR1_Docs/Zips/R1-02-0610.zip</a> , April 2002.	
		"3rd Generation Partnership Project; Technical Specification Group Radio Access Network, Multiplexing and Channel Coding (FDD) (Release 5)", 3GPP TS 25.212 V5.0.0, March 2002.	
		Siemens, "UE Specific Bit Scrambling for TDD HS-SCCH", 3GPP TSG RAN WG1 Meeting #25, Tdoc R1-02-0400, February 9-12, 2002	

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(Use several sheets if necessary)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Siemens, "Coding and Rate Matching for HS-SCCH", TSG RAN WG1 Meeting #25, Tdoc R1-02-0604, Paris, France, April 9-12, 2002	
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		Siemens, "UE Specific Masking for HS-SCCH", TSG-RAN WG1 Meeting #26, R1-02-0783, Gyeongju, Korea, May 13-16, 2002	
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		Siemens, "Revisions of UE Specific Masking for HS-SCCH", 3GPP TSG-RAN WG1 Meeting #28, Tdoc R1-02-0934, Gyeongju, Korea, May 13-16, 2002	
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		LG Electronics, "On User-Specific Scrambling Code for the Part 1 of HS-SCCH", Tdoc R1-02-0542, TSG-RAN WG1 Meeting #25, April 9-12, 2002	
		LG Electronics, "User-Specific Masking Codes for HS-SCCH", Tdoc R1-02-0543, 3GPP TSG-RAN WG1 Meeting #25, Paris, France, April 9-12, 2002	
		LG Electronics, "On the Criterion for UE Specific Scrambling Code", TSGR1#26-02-0771, 3GPP TSG-RAN WG1 Meeting #26, Gyeongju, Korea, May 13-17, 2002	
		InterDigital Comm. Corp., "Discussion on UE Specific Masking for HS-SCCH," 3GPP TSG RAN WG1#26, R1-02-0716, Gyeongju, Korea, May 13-17, 2002.	

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		<b>APPLICANT</b> Dick et al.	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
		InterDigital Comm. Corp., "UE Specific Masking for HS-SCCH, part 1" 3GPP TSG RAN WG1#26, R1-02-0717, Gyeongju, Korea, May 13-17, 2002.	
		InterDigital Comm. Corp., "UE Specific Masking for HS-SCCH part 1," 3GPP TSG RAN WG1#26, R1-02-0821, Gyeongju, Korea, May 13-17, 2002.	
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		InterDigital Comm. Corp., "UE Specific Masking for HS-SCCH part 1," 3GPP TSG RAN WG1#26, R1-02-0850, Gyeongju, Korea, May 13-17, 2002.	
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		InterDigital Comm. Corp., "UE Specific Masking for HS-SCCH part 1," 3GPP TSG RAN WG1#26, R1-02-0859, Gyeongju, Korea, May 13-17, 2002.	
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		InterDigital Comm. Corp., "Correction to UE specific matching for HS-SCCH part 1," 3GPP TSG RAN WG1#27, R1-02-0941, Oulu, Finland, July 2-5, 2002.	
		Lucent Technologies, "Performance of the HS-SCCH", 3GPP TSG-RAN WG1#25, R1-02-0649, Paris France, April 9-12, 2002	
		Lucent Technologies, "Comparison of Detection Schemes for the HS-SCCH", 3GPP TSG-RAN WG1#25, R1-02-0699, Gyeongju, Korea, May 13-16, 2002	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
		Lucent Technologies, "Further Results on SCCH Detection with Parity Bits", R1-02-0903, 3GPP TSG-RAN WG1#27, Oulu, Finland, July 2-4, 2002	
		Lucent Technologies, "UE procedures (HS-SCCH) to support HSDPA enhancements", R1-02-0904, 3GPP TSG-RAN WG1#27, Oulu, Finland, July 2-4, 2002	
		Motorola, "Performance of the HS-SCCH with different code rates", R1-02-0718, TSG RAN WG1 Meeting #26, Gyeongju, Korea, May 13-16, 2002	
		NEC, "Coding for HS-SCCH", R-1-02-0964, 3GPP TSG-RAN WG1 Meeting #27, Oulu, Finland, July 2-5, 2002	
		NEC, "Coding for HS-SCCH", R-1-02-1121, 3GPP TSG-RAN WG1 Meeting #28, Seattle, Washington, August 19-22, 2002	
		Panasonic, "Removal of code mapping description over HS-SCCH", Tdoc R1(02)0774, 3GPP TSG-RAN WG1 Meeting #25, Paris France, April 9-12, 2002	
		Texas Instruments, "HS-SCCH: Performance results and improved structure", R1-02-0637, 3GPP TSG RAN WG1 Meeting #25, Paris, France, April 9-12, 2002	

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